

Patent Abstracts of Japan

PUBLICATION NUMBER : 05331070
PUBLICATION DATE : 14-12-93

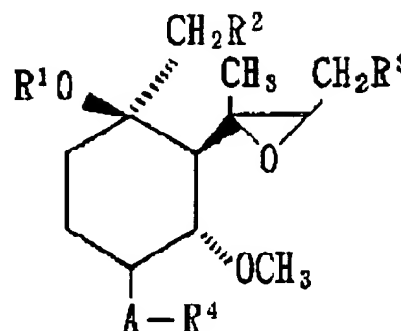
APPLICATION DATE : 05-02-93
APPLICATION NUMBER : 05018489

APPLICANT : TAKEDA CHEM IND LTD;

INVENTOR : SUDO KATSUICHI;

INT.CL. : A61K 37/02 A61K 31/335 A61K 31/70

TITLE : ANTINEOPLASTIC AGENT
CONTAINING BOTH TNP AND
INTERLEUKIN



I



II

ABSTRACT : PURPOSE: To provide an antineoplastic agent having excellent metastasis inhibitory activity and the life prolongation effect on cancer-bearing animals at extremely low doses, consisting of a combination of a fumagillin derivative or a salt thereof and interleukin.

CONSTITUTION: The antineoplastic agent consisting of a combination of (A) a compound of formula I [R¹ is H; R² is halogen, of formula II (R⁵ and R⁶ are each (substituted) hydrocarbon or heterocyclic group; m is 0 or 1), etc.; or, R¹ and R² are combined into a lone bond; R³ is 2-methyl-1-propenyl or isobutyl; A is O or NR⁸ (R⁸ is H, (substituted) lower alkyl, etc.); R⁴ is H, acyl, etc.] having vascularization inhibitory activity [e.g. 6-O-(N-methylcarbamoyl) fumagillol] and (B) an interleukin (pref. interleukin-2).

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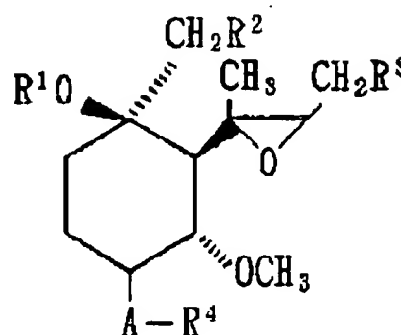
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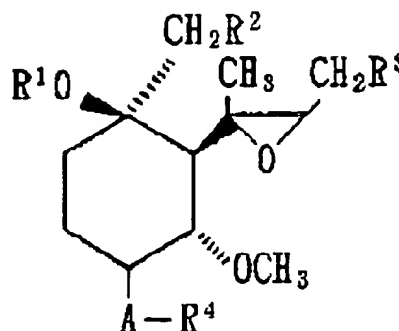
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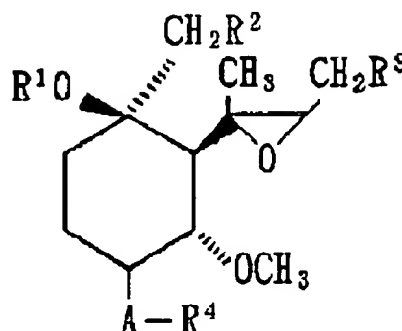
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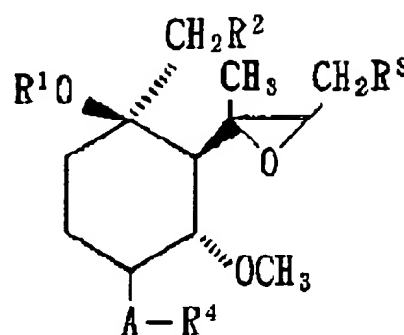
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